

CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Water System Name: City of Woodland

Water System ID Number: 5710006

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Public Works staff implemented water loss fields in the Computer Maintenance Management System (CMMS) for routine flushing activities, water leaks, and water main breaks for clear documentation of the amount of water loss in the distribution system. The hydrant meter program to capture construction water was refined to ensure all construction water is billed throughout the City. Finally, the City started a small residential meter testing program to determine when 15+ year old meters need to be replaced in the City based on meter read flow accuracy.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Paul Navazio

City Manager



9/25/17

Executive Name (Print)

Executive Position

Signature

Date

Utility Provided

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Woodland **PWS ID:** 5710006
System Type: Potable **Audit Period:** Calendar 2016
Utility Representation: Sherry Kimura (Community Development), Jordan Power (Public Works)
Validation Date: 7/14/2017 **Call Time:** 9:00am **Sufficient Supporting Documents Provided:** Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 66 **Data Validity Band (Level):** Band III (51-70)
ILI: 2.07 **Real Loss:** 27.48 (gal/conn/day) **Apparent Loss:** 29.79 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 7.1%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support) **Validator Qualifications:** Contractor for CA-NV AWWA Water Loss TAP

Validator Provided